

PATENT APPLICATION

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Applicant: Taeghwan Hyeon and Jongnam Park

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(page 1 of 2)

INFORMATION DISCLOSURE CITATION  
FORM PTO-1449 (Modified)







U.S. PATENT DOCUMENTS

NONE

FOREIGN PATENT DOCUMENTS

NONE

OTHER DOCUMENTS

Exam Unit	Ref	(Including Author, Title, Date, Pertinent Pages, etc.)
	<u>1</u>	Younan Xia, Peidong Yang, Yugang Sun, Yiying Wu, Brian Mayers, Byron Gates, Yadong Yin, Franklin Kim, and Haoquan Yan Advanced Materials, Series 15 No. 5 March 4, 2003; pps. 353-389 One-Dimensional Nanostructures: Synthesis, Characterization, and Applications
	<u>2</u>	Sang-Jae Park, Seungsoo Kim, Suyoun Lee, Zheong G. Khim, Kookrin Char, and Taeghwan Hyeon Journal of the American Chemical Society Published online August 18, 2000 10.1021/ja001628c; pps. 8581-8582 Synthesis and Magnetic Studies of Uniform Iron Nanorods and Nanospheres
	<u>3</u>	Victor F. Puentes, Kannan M. Krishnan, and A. Paul Alivisatos Science Vol. 291 March 16, 2001; pps. 2115-2117 Colloidal Nanocrystal Shape and Size Control: The Case of Cobalt
	<u>4</u>	Frederic Dumestre, Bruno Chaudret, Catherine Amiens, Marie-Claire Fromen, Marie-Jose Casanove, Philippe Renaud, and Peter Zurcher Angew. Chem. Int. Ed., Series 41 No. 22, 2002; pps. 4286-4289 Shape Control of Thermodynamically Stable Cobalt Nanorods through Organometallic Chemistry
	<u>5</u>	Nadege Cordente, Marc Respaud, Francois Senocq, Marie-Jose Casanove, Catherine Amiens, and Bruno Chaudret Journal of the American Chemical Society Published online August 30, 2001 10.1021/nl0100522; pps. 565-568 Synthesis and Magnetic Properties of Nickel Nanorods
	<u>6</u>	Taeghwan Hyeon Chem. Commun., Journal of the Royal Society of Chemistry, 2003, pps. 927-934 Chemical Synthesis of Magnetic Nanoparticles

David E. Hertzog

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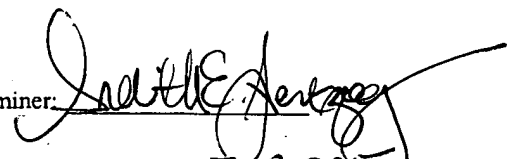
Taeghwan Hyeon, Su Seong Lee, Jongnam Park, Yunhee Chung, and Hyon  
Bin Na  
Journal of the American Chemical Society, Vol. 123, No. 51, pps. 12798-  
12801  
Synthesis of Highly Crystalline and Monodisperse Maghemite  
Nanocrystallites without a Size-Selection Process



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Jin Joo, Taekyung Yu, Young Woon Kim, Hyun Min Park, Fanxin Wu,  
Jin Z. Zhang, and Taeghwan Hyeon  
Journal of the American Chemical Society Published online May 1, 2003  
10.1021/ja034258b; pps. 6553-6557  
Multigram Scale Synthesis and Characterization of Monodisperse  
Tetragonal Zirconia Nanocrystals

Examiner:



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